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NFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number 09/083,198

Filing Date May 22, 1998

First Named Inventor Venkataraman BRINGI, et al.

Group Art Unit 1651

Examiner Name Irene Marx

(use as many sheets as necessary)

 Sheet
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 of
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 Attorney Docket Number
 62698.000061

	U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No.	Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
IM	1.	4,717,664	Hara, et al.	01-05-1988		
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FOREIGN PATENT DOCUMENTS								
5		Foreign Patent Document		Name of Patentee	Date of Publication of	Pages, Columns, Lines,		
Examiner Initials*	Cite No. ¹	Office ³	Number ⁴	Kind Code ⁵ (if known)	or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Te
IM	2.	wo	96/34110		Samyang Genex Co., Ltd.	10-31-1996		
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No.1				
IM	3.	Xu, L.X., et al., "Determination of Taxol in the Extract of <i>Taxus chinensis</i> by Reversed Phase HPLC," Acta Pharmaceutica Sinica, 24(7):552-555 (1989).			
IM	4.	Payne, G., et al., "Plant Cell and Tissue Culture in Liquid System", 62-66 & 298-297 (Hanser Publishers 1991).			
IM	5.	Di, C.K., et al., "Primary Research on Production of Callus From <i>Taxus chinensis var. mairei</i> ," Abstract from Annual Meeting of Beijing Plant Physiology Society (1991).			
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IM	8.	"Plant and Animal Cells: Process Possibilities", 29-30 (C. Webb and F. Mavituna eds., Eilis Horwood Limited 1987).			
IM	9.	Kim, D., et al, "Two Stage Cultures for the Production of Berberine in Cell Suspension Cultures of <i>Thalictrum rugosum</i> ," Journal of Biotechnology, 18:297-303 (1990).			
 IM	10.	5141: Jasmone, The Merck Index, 827 (Susan Budavari ed., Merck & Co., Inc. 11th ed. 1989).			
IM	11.	Toder, B.H., et al., "Regiospecific Methylation of Cyclopentenone Derivatives," Synthetic Communications, 5(8):435-439 (1975).			
IM	12.	The Difco Manual, Section VI: Peptones & Hydrolysates Selection Guide, 829, (11th ed.).			
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IM	14.	Fujita, Y. and Y. Hara, "The Effective Production of Shikonin by Cultures with an Increased Cell Population," Agric. Biol. Chem., 49(7):2071-2075 (1985).			
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IM	16.	Mantell, S.H., et al., "The Effect of Initial Phosphate and Sucrose Levels on Nicotine Accumulation in Batch Suspension Cultures of <i>Nicotiana tabacum</i> L.," Plant Cell Reports, 2:73-77 (Springer-Verlag 1983).			

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 09/083,198 Filing Date May 22, 1998 First Named Inventor Venkataraman BRINGI, et al. **Group Art Unit Examiner Name** Irene Marx Attorney Docket Number 62698.000061

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4 Sheet 3 of

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1		
IM	17.	Yeoman, M.M, et al., "Accumulation of Secondary Products as a Facet of Differentiation in Plant Cell and Tissue Culture", Differentiation In Vitro, The Fourth Symposium of the British Society for Cell Biology, 65-82 (Cambridge University Press 1982).	
IM	18.	Moore, T.C., Biochemistry and Physiology of Plant Hormones, 33-39, (Springer-Verlag New York Inc., 2nd ed. 1989).	
IM	19.	George, E.F., et al., Plant Culture Media, Vol. 1: Formulations and Uses, 427-441 & Table 1 (Exegetics Ltd. 1987).	
IM	20.	Wysokinska, H. and L. Swiatek, "Production of Iridoid Glucosides in Cell Suspension Cultures of <i>Penstemon semulatus</i> : Effects of Nutritional Factors," Plant Science, 76:249-258 (1991).	
IM	21.	Yun, J.W., et al., "Optimizations of Carotenoid Biosynthesis by Controlling Sucrose Concentration," Biotechnology Letters, 12(12):905-910 (1990).	
тм	22.	Schiel, O., et al., "Increased Formation of Cinnamoyl Putrescines by Fedbatch Fermentation of Cell Suspension Cultures of <i>Nicotiana tabacum</i> ," Plant Cell Reports, 3:18-20 (1984).	
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IM	24.	Bramble, J.L and D.J. Graves, "Calcium and Phosphate Effects on Growth and Alkaloid Production in <i>Coffea arabica</i> . Experimental Results and Mathematical Model," Biotechnology and Bioengineering, 37:859-868 (1991).	
IM	25.	Mantell, S.H. and H. Smith, "Cultural Factors That Influence Secondary Metabolite Accumulation in Plant Cell and Tissue Cultures," Plant Biotechnology, 75-108 (S.H. Mantell and H. Smith eds., Cambridge University Press 1984).	
IM	26.	Payne, G., et al., "Plant Cell and Tissue Culture in Liquid Systems," 49-70 (Hansen Publishers 1992).	
IM	27.	Fett-Neto, A.G., et al., "Kinetics of Taxol Production, Growth, and Nutrient Uptake in Cell Suspensions of Taxus cuspidata," Biolechnology and Bioengineering, 44:205-210 (1994).	
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IM	29.	Hezari, M., et al., "Taxol Production and Taxadiene Synthase Activity in <i>Taxus canadensis</i> Cell Suspension Cultures," Archives of Biochemistry and Biophysics, 337(2):185-190, (1997).	
IM	30.	Mei, X., et al., "Kinetics of Taxol Biosynthesis in Bioreactors," Med. Chem. Res., 6:256-263 (1996).	
IM	31.	Taiz, L. and E. Zeiger, "Water and Plant Cells," Plant Physiology, 61 (The Benjamin/Cummings Publishing Company, Inc. 1991).	

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Group Art Unit 1651

Examiner Name Irene Marx

Attorney Docket Number 62698.000061

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Sheet 4 of 4 Attorney Docket Number

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
IM	32.	Dougall, D.K., "Chemicals from Plant Cell Cultures: Yields and Variation," Biotechnology in Plant Science: Relevance to Agriculture in the Eighties, 179-190 (Zaltlin, et al. eds., Academic Press, Inc. 1985).	
IM	33.	Dougall, D.K. and K.W. Weyrauch, "Growth and Anthocyanin Production by Carrot Suspension Cultures Grown Under Chemostat Conditions with Phosphate as the Limiting Nutrient," Biotechnology and Bioengineering, 22(2):337-352 (1980). (Abstract)	
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IM	35.	Tabata, M. and Y. Fujita, "Production of Shikonin by Plant Cell Cultures", Biotechnology in Plant Science: Relevance to Agriculture in the Eighties, 207-218 (Zaitlin, et al. eds., Academic Press, Inc. 1985).	
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